

IN THE CLAIMS

1. – 12. (canceled)

13. **(currently amended)** A mobile station corresponding to DS-CDMA ~~performing a first correlation determination between a received signal and a common spreading code with regard to a plurality of base stations by shifting a relative timing between the received signal and the common spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination~~, said mobile station comprising:

_____ a receiving unit for receiving a signal from another apparatus;

_____ a storage unit storing the received signal over a time long enough to perform both the first correlation determination and the second correlation determination; and

_____ a control unit using ~~same~~ the stored received signal having been stored in the storage unit for sequentially performing the first and second correlation determinations;

_____ a first correlation determination between the stored received signal and a common spreading code with regard to a plurality of base stations by shifting a relative timing between the stored received signal and the common spreading code, and

_____ a second correlation determination between the stored received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination, wherein

_____ said plurality of kinds of spreading codes comprises different candidates for a spreading inherent base station code.

14. **(currently amended)** A mobile station corresponding to DS-CDMA ~~performing a first correlation determination between a received signal and common spreading codes that are the same for a plurality of base stations by shifting a relative timing between the received signal and the common spreading codes, and performing a second correlation determination between the received signal and N different spreading codes that are respectively different from the common spreading codes based on a timing obtained by the first correlation determination for determining which of the N ($N > 2$) spreading codes is attributable to the base station that has transmitted the received signal of which the timing has been determined by the first correlation determination,~~ said mobile station comprising:

_____ a receiving unit for receiving a signal from another apparatus;

_____ a storage unit storing the received signal over a time long enough to perform both the first correlation determination and the second correlation determination; and

_____ a control unit using ~~same~~ the stored received signal having been stored in the storage unit for sequentially performing the first and second correlation determinations;

_____ a first correlation determination between the stored received signal and common spreading codes that are the same for a plurality of base stations by shifting a relative timing between the received signal and the common spreading codes, and

_____ a second correlation determination between the stored received signal and N different spreading codes that are respectively different from the common spreading codes based on a timing obtained by the first correlation determination for determining which of the N ($N > 2$) spreading codes is attributable to the base station that has transmitted the received signal of which the timing has been determined by the first correlation determination,
wherein

_____ said N different spreading codes comprise different candidates for a spreading inherent base station code.

15. (previously presented) A mobile station corresponding to DS-CDMA ~~performing a first correlation determination between a received signal and a pre-assigned spreading code by shifting a relative timing between the received signal and the pre-assigned spreading code, and performing a second correlation determination of the received signal for first and second spreading codes of which the code patterns are different from each other based on a timing obtained by the first correlation determination,~~ said mobile station comprising:

a receiving unit for receiving a signal from another apparatus;

a storage unit storing the received signal; and

a control unit using the stored received signal having been stored in the storage unit for performing ~~the second correlation determination~~ a second correlation determination of the stored received signal for first and second spreading codes of which the code patterns are different from each other based on a timing obtained by a completion of a first correlation determination, in which ~~the~~ the first correlation determination between the received signal and a pre-assigned spreading code by shifting a relative timing between the received signal and the pre-assigned spreading code is performed by using the pre-assigned spreading code and the received signal that has not been stored in the storage unit, wherein

said first and second spreading codes comprise different candidates for a spreading inherent base station code.

16. (canceled)

17. **(currently amended)** A correlation determination method for a DS-CDMA mobile station ~~performing a first correlation determination between a received signal and a common spreading code with regard to a plurality of base stations by shifting a relative~~

~~timing between the received signal and the common spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination, said correlation determination method comprising:~~

receiving a signal from another apparatus;

storing the received signal over a time long enough to perform both the first correlation determination and the second correlation determination a first correlation determination, between a received signal and a common spreading code with regard to a plurality of base stations by shifting a relative timing between the received signal and the common spreading code, and a second correlation determination, between the received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination; and

using the same stored received signal for sequentially performing the first and second correlation determinations, wherein

said plurality of kinds of spreading codes comprises different candidates for a spreading inherent base station code.

18. **(currently amended)** A mobile station corresponding to DS-CDMA ~~performing a first correlation determination between a received signal and a common spreading code with regard to a plurality of base stations by shifting a relative timing between the received signal and the common spreading code, and performing a second correlation determination between the received signal and a plurality of kinds of spreading codes that are respectively different from the common spreading code based on a timing obtained by the first correlation determination, said mobile station comprising:~~

a receiving unit for receiving a signal from another apparatus;

a storage unit storing at least a portion of the received signal ~~over a time long enough~~
to perform both ~~the first correlation determination and the second correlation determination~~
first correlation determination, between the received signal and a common spreading code
with regard to a plurality of base stations by shifting a relative timing between the received
signal and the common spreading code, and a second correlation determination, between the
received signal and a plurality of kinds of spreading codes that are respectively different from
the common spreading code based on a timing obtained by the first correlation determination;
and

a control unit using a same portion of the stored received signal having been stored in
the storage unit for sequentially performing the first and second correlation determinations,
wherein

said plurality of kinds of spreading codes comprises different candidates for a
spreading inherent base station code.